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> EPtech AC/DC Adapter User Manual

EPtech A180421135

EPtech AC/DC Adapter User Manual

Model: A180421135

INTRODUCTION

This manual provides essential information for the safe and effective use of your EPtech AC/DC Adapter. Please read this manual thoroughly before using the product and retain it for future reference.

PRODUCT OVERVIEW

The EPtech AC/DC Adapter is designed to provide reliable power to compatible audio devices, specifically various Polk Audio Soundbars. It features a robust design with multiple safety protections.

Components Included

- 1 x EPtech AC/DC Power Adapter Unit
- 1 x AC Input Power Cable (6ft)
- 1 x DC Output Cable with Connector (4ft)



Image: The EPtech AC/DC Adapter unit shown with its detachable AC input power cable and the integrated DC output cable with its connector.



Image: A closer view of the EPtech AC/DC Adapter unit, highlighting its compact design and the DC output cable.

SETUP INSTRUCTIONS

1. **Unpack the Adapter:** Carefully remove the AC/DC adapter and its cables from the packaging.
2. **Connect AC Input Cable:** Insert the 2-prong end of the AC input power cable into the corresponding receptacle on the EPtech AC/DC Adapter unit. Ensure it is firmly seated.
3. **Connect DC Output Cable:** The DC output cable is permanently attached to the adapter unit. Connect the barrel connector at the end of this cable to the power input port of your compatible Polk Audio Soundbar or other device. Ensure the connection is secure.
4. **Plug into Power Outlet:** Insert the wall plug end of the AC input power cable into a standard electrical wall outlet (100-240V AC, 50/60Hz).
5. **Verify Power:** Once connected, the adapter's LED indicator light should illuminate, indicating that power is being supplied.

Anti-interference Magent Ring For the reliability and stability of system operation

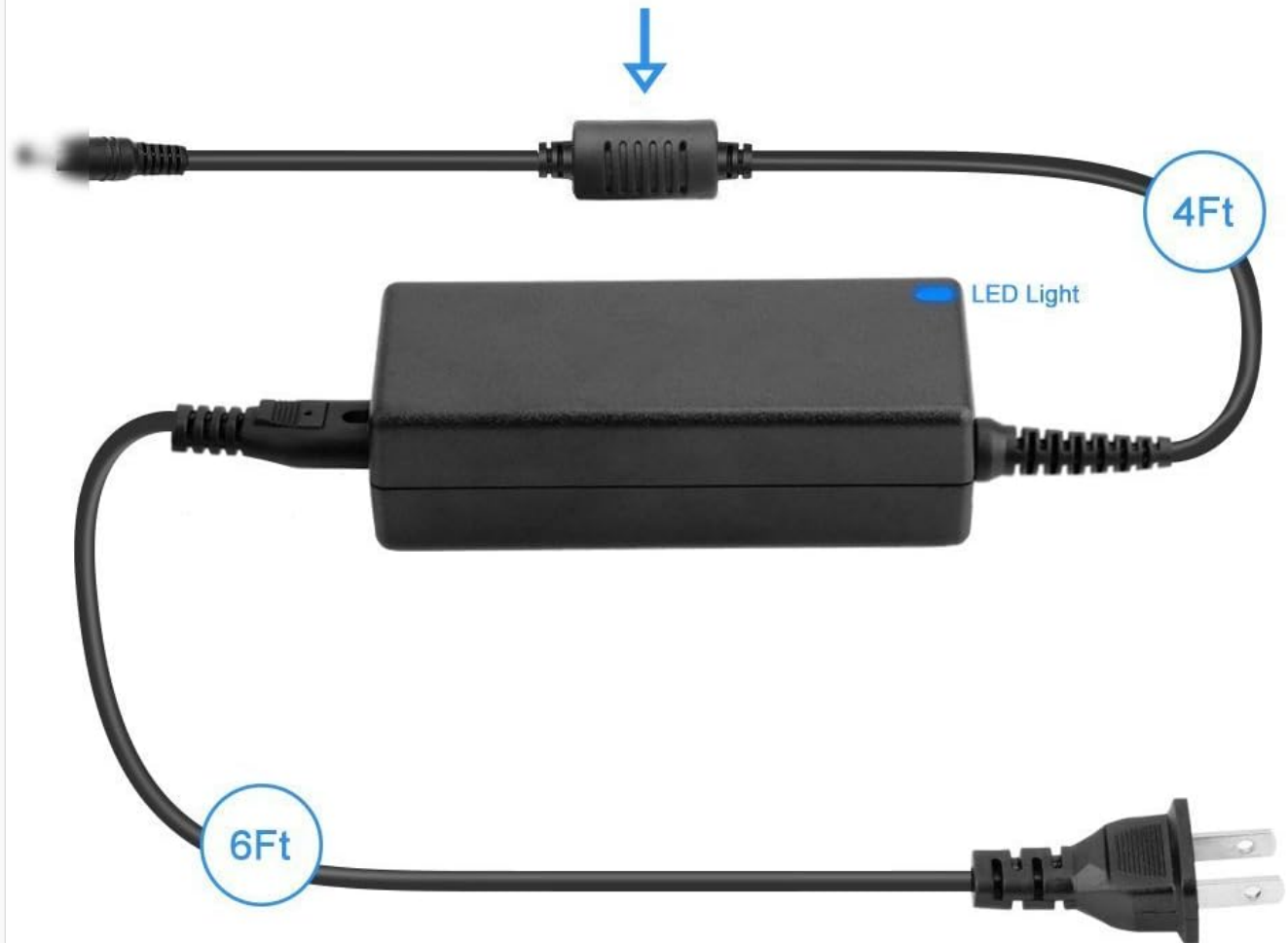


Image: A diagram illustrating the adapter's components, including the anti-interference magnetic ring on the DC output cable and the LED indicator light. The DC output cable is approximately 4 feet long, and the AC input cable is approximately 6 feet long.

OPERATION

Once properly connected, the EPtech AC/DC Adapter will continuously supply power to your device. No further user interaction is typically required for its operation. The adapter is designed for continuous use within its specified voltage and current limits.

Caution:

- For indoor use only.
- Connect only to a grounded outlet.
- For information technology use only.

FEATURES

- **Wide Compatibility:** Designed for various Polk Audio Soundbar models and other compatible devices requiring 20V DC power.
- **High Quality Power Cable:** Features high-quality copper wire and durable PVC insulation for reliable power delivery.
- **Anti-interference Magnetic Ring:** Integrated into the DC output cable to enhance signal stability and reduce electromagnetic interference.

- **Multiple Safety Protections:** Built-in safeguards against over-temperature, over-voltage, over-current, and short-circuit conditions.
- **Durable & Compact Design:** Engineered for longevity and portability, suitable for home, office, or travel.

High Quality Power Cable Design



Image: Illustration detailing the high-quality power cable design, showing the internal copper wires and PVC insulation jacket for durability and efficient power transmission.

Safety Design with Multiple Protections

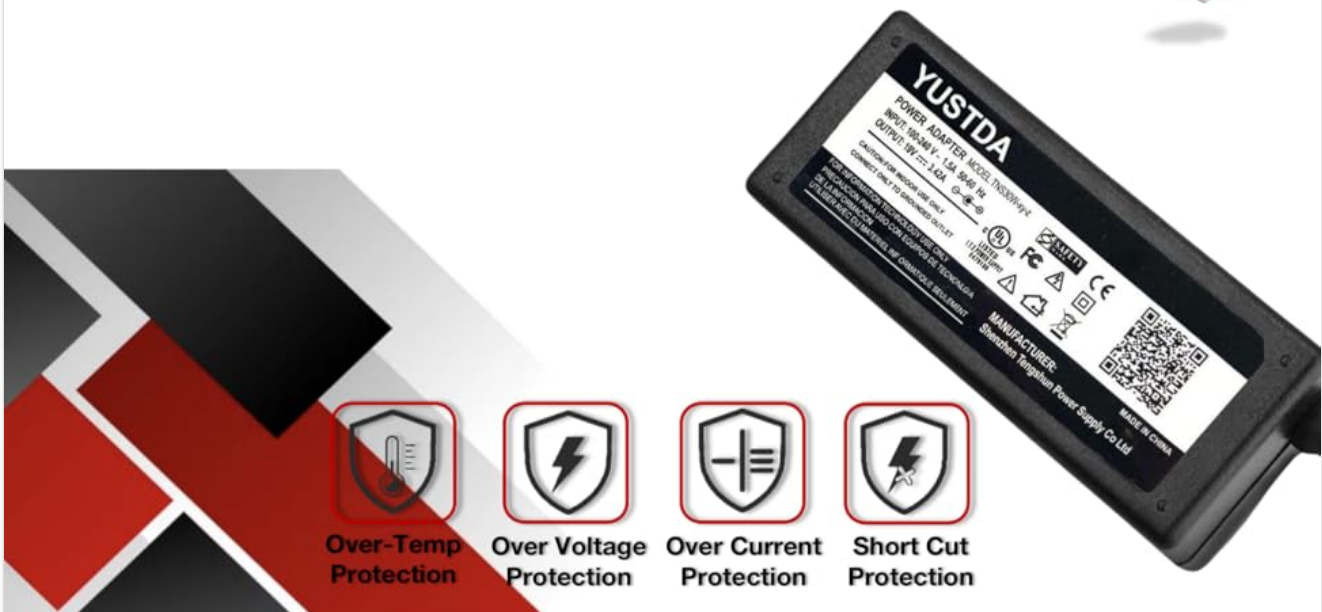


Image: Visual representation of the adapter's safety features, including protections against over-temperature, over-voltage, over-current, and short-circuit, ensuring safe operation.

Durable & Compact Design



Image: This image highlights the durable internal construction and compact form factor of the adapter, making it suitable for various environments and travel.

COMPATIBILITY

This AC/DC Adapter is compatible with a wide range of Polk Audio Soundbar models and other devices requiring a 20V DC power supply. Known compatible models include, but are not limited to:

- Polk Audio SurroundBar 5000, 2000, 3000, 4000
- Polk Audio IHT series: 5000IHT, 2000IHT, 3000IHT, 4000IHT, IHT5000, IHT2000, IHT3000, IHT4000, IHT5500, IHT6000
- Polk Audio AM series: AM1500-A, AM1200-A, AM1300-A, AM1300A, AM1400-A, AM1400-B, AM1911-A, AM1911A, AM1911, AM5550, AM5550-A, AM160037505
- Polk Audio N1, NI 39-Inch Bluetooth Wireless Gaming Sound Bar
- Polk Audio YJS05-2002700D, YJS052002700D, YJS05-20027000
- Polk Audio GPE602-200250W, RE1300-1
- Polk Audio Surroundbar 2000 IHT SB2000 Sound Bar
- Polk Audio Home Theater SmartBar Speaker DN004179, DN004178, Model: S065BP2000220, SAA101080EA

For optimal performance, ensure your device's power requirements match the adapter's output specifications.

SPECIFICATIONS

Attribute	Value
Brand	EPtech
Model Number	A180421135

Input Voltage	100-240V AC, 50/60Hz
Output Voltage	20V DC
Output Current	2.2A - 3.25A (2200mA - 3250mA)
Wattage	40W - 65W
Item Weight	8 ounces
Package Dimensions	6.9 x 4.2 x 1.6 inches
Power Source	Corded Electric
Connector Type	Barrel Connector (DC Output)

MAINTENANCE

- **Cleaning:** Disconnect the adapter from the power outlet and your device before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use, store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tightly coiling the cables to prevent damage.
- **Inspection:** Periodically inspect the adapter and cables for any signs of damage, such as frayed wires, cracked casing, or bent pins. If damage is found, discontinue use immediately.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Adapter not powering device / No LED light	Not properly plugged in; Faulty outlet; Device not compatible; Adapter malfunction.	Ensure all connections are secure. Try a different power outlet. Verify device compatibility with adapter specifications. If issues persist, contact customer support.
Loose connection at device port	Incorrect barrel connector size; Worn port on device.	Ensure the adapter is the correct model for your device. Some devices may have slightly different port tolerances. If the connection is consistently loose, it may indicate an issue with the device's port or the adapter's connector.
Adapter gets hot during use	Normal operation (slight warmth); Overload; Poor ventilation.	A slight warmth is normal. Ensure the adapter is in a well-ventilated area. If it becomes excessively hot, disconnect immediately and verify device power requirements do not exceed adapter's capacity.

WARRANTY AND SUPPORT

EPtech products are manufactured with quality and reliability in mind. For warranty information or technical support, please contact our customer service team.

Email: epcustomerservice@yahoo.com

Please provide your product model number (A180421135) and a detailed description of your issue when contacting support.

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